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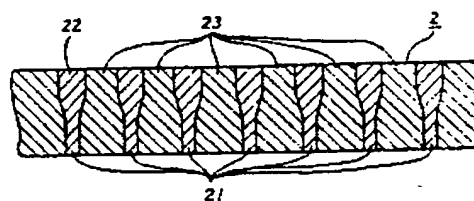
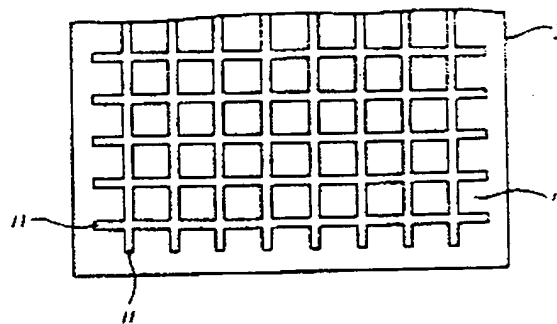
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TITLE : PRODUCTION OF LIGHT SHIELDABLE
FILM, PRODUCTION OF LIGHT
SHIELDABLE FILM LAMINATE AND
PRODUCTION OF LIGHT SHIELDABLE
GLASS



ABSTRACT : PURPOSE: To form irreversible light emitting parts in the thickness direction of a resin film contg. a photochromic material which emits light by UV rays by irradiating the film with UV rays via marks for pattern transfer having many UV ray transmission parts and non-transmission parts.

CONSTITUTION: A solvent such as toluene is added to a resin such as polymethyl methacrylate and spironaphthooxazine is added as the photochromic material thereto at 5pts.wt. ratio per 100pts.wt. resin to prepare the resin compsn. for casting. This compsn. is then cast onto a polyethylene terephthalate film subjected to a release treatment to form the light shieldable film 1. The transfer mask made of Al juxtaposed with many pieces of slits is superposed thereon and the film is irradiated with UV rays by using a high-pressure UV lamp to generate colored parts 21 in the exposed parts and non-colored parts 23 in the coated parts. The mask is thereafter rotated 90° and the similar operation is carried out to form the grid-shaped colored parts 21. The contrast of the display is improved in this way.

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